

Electricity: The Invisible Killer

1 Who Should Attend . . .

This program is a must for anyone concerned about health and safety on the job including:

- ▶ Managers concerned about liability and workers' compensation costs.
- ▶ Employees who want to learn proper techniques for protecting their safety and health at work.
- ▶ Business owners who want to learn about compliance with Michigan Occupational Safety and Health Administration (MIOSHA).

2 MIOSHA Training Institute

MIOSHA Consultation Education and Training (CET) Division and Macomb Community College (MCC) have developed the MIOSHA Training Institute (MTI) through a formal alliance.

The MIOSHA Training Institute introduced a new certification program, effective October 1, 2007. This course is an MTI Level 1 course. The certification program offers participants an opportunity to be recognized for their educational efforts and increased technical expertise.

Courses will be offered throughout the state in sponsorship with other M-TECSM facilities, community colleges, and safety and health organizations. To learn more about the certification program, log-on to the CET Division website at www.michigan.gov/mti.

3 What You'll Learn . . .

Electrocutions continue to be one of the leading causes of fatalities in construction. This program will explain and illustrate safety practices the electrical industry uses before performing work on energized overhead lines. There will be special emphasis on the importance of recognizing and eliminating hazards to avoid the possibility of any contact with energized circuits. Also covered in the program will be MIOSHA standards that apply to energized line clearances; what constitutes a fatal amount of current; how to determine voltages and when overhead lines need to be de-energized.

Agenda

We offer a flexible program agenda to emphasize the construction topics you want most.

- ▶ Standards That Apply To Energized Line Clearances.
- ▶ What Constitutes Fatal Amount Of Current.
- ▶ How To Determine Voltages.
- ▶ When Overhead Lines Need To Be De-energized.

Required Class for
Construction Level One
MTI Certification

The meeting site and parking is accessible. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional services (such as materials in alternative format) in order to participate in the meeting should call 517.322.1809. The Department of Labor & Economic Growth is an equal opportunity employer/program.

Facilitator

James Dykes began his career with MIOSHA in 2001 as a compliance officer with the Construction Safety and Health Division. Although an effective compliance officer, Jim had an interest in the teaching and consulting aspects of MIOSHA. He joined the CET Division in December of 2004 as a traditional consultant specializing in construction safety. In his capacity as a construction consultant, Jim services the Upper Peninsula and several counties in the Lower Peninsula.

Previous to joining MIOSHA, Jim spent 23 years as an overhead line worker achieving journeyman status in that field. His specialty allows him to be an excellent resource in the transmission and distribution aspects of high voltage electricity. Jim especially enjoyed troubleshooting difficult situations in overhead line installation and replacement that not only got the job done, but also protected the workers doing this dangerous work. Jim brings this enthusiasm and expertise to his consultation and teaching assignments.



James Dykes
*Senior Construction Safety Consultant,
MIOSHA, CET Division*

Program Details

| | | | |
|-----------|--|-----------|---|
| DATE: | February 5, 2009 | TIME: | Check-in - 1:00 p.m. (Central Time) Program - 1:30 a.m. to 4:00 p.m. |
| LOCATION: | Bay College West/Iron Mountain 2801 N. US 2 Iron Mountain, Michigan 49801 | DEADLINE: | Register by January 23, 2009 Please register early! |
| COST: | \$60 per person. Includes course materials. Certification/Maintenance Points Available | CONTACT: | Renée Lundberg, 906.789.6902 x 1535 lundberr@baycollege.edu |

COSPONSOR: M-TECSM at Bay College

If this valuable seminar doesn't fit with your schedule or position, please pass this flyer on to a colleague.

How to Register

Electricity: The Invisible Killer

Complete this information for each person registering:

- **Phone:** 906.789.6902 x 1227 or 800.221.2001 x 1227
- **Fax:** 906.789.6921
- **Email:** dittrichm@baycollege.edu
- **Mail:** M-TEC at Bay College
2001 N. Lincoln Road
Escanaba, MI 49829
Attn: Mary Dittrich

Name: _____
Home Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____
Email: _____
Birth Date: _____ (Needed for Registration)
Print Credit Card Holder's Name: _____
Credit Card # _____ Exp. Date: _____
VISA ☐ MC ☐ Signature: _____

Please make checks payable to: M-TEC at Bay College

All meetings are accessible and barrier free. Please contact the cosponsor or CET Division, at least two weeks in advance, to request necessary accommodations.